

CITIZENS' ADVISORY BOARD

Cherry Island Landfill

October 2019

Notes

The October 8, 2019 meeting of the Citizens' Advisory Board (CAB) convened at approximately 5:00 p.m. at the Cherry Island Landfill (CIL), 1706 E. 12th Street, Wilmington.

Attendees:

CAB

Vince D'Anna
Sandra Smithers
Sam Guy

DSWA

Robin Roddy
Mike Parkowski
Lynsey Baer
Uriel Mendonça

DNREC

Chad Dolt
Zack Taylor

Department of Natural Resources and Environmental Control (DNREC) Update

DNREC reported there have been no odor complaints since 2013.

DNREC reported there have been no citations for yard waste since the last CAB meeting.

Since the last CAB meeting, there have been seven (7) incidents reported to DNREC by DSWA including a diesel fuel spill, receiving out of state waste, damage to the liner system, unpackaged asbestos delivery, two (2) leachate release, and a small isolated landfill fire. All incidents were properly reported as required by the permit and each of the seven (7) incidents were resolved to DNREC's satisfaction.

Since the last CAB meeting, Zack Taylor has been hired to fill the Environmental Compliance Specialist position assigned to the CIL facility.

According to DNREC's assessments and review of DSWA reports, DSWA is operating in accordance with their Solid Waste Facility Permit.

Ms. Smithers asked where the liner system damage occurred.

Ms. Baer stated that Greggo & Ferrara, Inc. (G&F), the onsite Contractor, damaged a small piece of the liner while excavating out material in preparation for the installation of a rip rap downchute for stormwater management. However, the damaged area was at the top of the berm and not part of the containment area.

Ms. Smithers questioned how the liner would be repaired if the damage occurred on the containment area.

Ms. Baer stated that the repair would be the same. The damaged liner would be removed and a new piece of liner material would be welded to the existing liner.

Mr. Guy asked if the liner has been repaired and if so, what was the total cost to complete the repair.

Ms. Baer stated that the liner has been repaired. G&F hired Hallaton Environmental to repair the liner. As the repair was the responsibility of G&F, DSWA did not see the final invoice.

Mr. Guy asked if DNREC's report would be distributed to the CAB.

Ms. Baer stated that DNREC's report would be included in the CAB notes which will be emailed to the CAB and posted on DSWA's website.

Cherry Island Landfill Update

▪ Overview of CIL's Operations

Ms. Baer stated that the DeIDOT project repairing the bridge on Hay Road is anticipated on being completed by the end of the year.

Ms. Baer stated that CIL is currently generating approximately 3,800 scfm of landfill gas and selling approximately 2,400 scfm to Cummins. Cummins then sells the gas to Croda and the City of Wilmington (COW) for power generation and boiler fuel. Croda will be installing a 3rd engine by the end of the year and therefore they will be able to take more LFG from CIL.

Mr. Guy asked where Croda was and how DSWA gets the gas to them.

Ms. Baer stated that the facility is located by the Delaware Memorial Bridge. There is a pipeline that goes from CIL directly to their site which goes underneath the Christina River. directly to their site.

Mr. D'Anna asked how much gas the COW is taking from CIL.

Ms. Baer responded that it fluctuates based on if the COW's equipment is operational. The flow can range from 0 scfm to 1,000 scfm.

Ms. Roddy explained that Croda also takes a portion of the gas and if neither entity can take the gas, then DSWA will send the gas to the onsite flare that will burn the gas.

Ms. Baer stated that the 3-year CIL geotechnical monitoring request for proposals is currently on the streets.

Ms. Baer stated that G&F has been working on installing Erosion and Sediment controls to properly manage the stormwater onsite.

▪ **Overview of Solid Waste Management**

Ms. Roddy provided an overview of DSWA and its facilities accompanied by a power point presentation.

Mr. D'Anna asked where the waste from below the canal goes.

Ms. Roddy responded that the majority of the waste from below the canal goes to the Pinetree Corners Transfer Station which is hauled to the Sandtown landfill in Felton, DE.

Mr. D'Anna asked how long the operations contracts are.

Ms. Roddy stated that the contracts are for three (3) years.

Mr. Guy asked about G&F bringing in waste to the landfill.

Mr. Parkowski explained that G&F cannot bring waste in to the site without the knowledge of DSWA. DSWA operates the scales, so material brought to the facility is screened by DSWA before entering the facility.

Mr. D'Anna asked what happens with the tires.

Ms. Roddy stated that DSWA has a hauling contract with Waste Masters and the tires are primarily sent to a waste to energy facility in Chester, PA.

Ms. Smithers asked if a hauler is fined from bringing in prohibited waste.

Ms. Roddy stated that DSWA does not fine the hauler but the load is rejected. However, a DNREC Environmental Protection Officer (EPO) has the authority to fine a hauler.

Ms. Baer discussed the unpackaged asbestos load that was recently received. A DNREC EPO officer came to the site and gave the hauler a citation.

Mr. Guy asked where the material came from and if the owner of the material was also given a citation.

Mr. Dolt stated that enforcement is a different section of DNREC so he is unaware of the outcome of the investigation. He will however, provide an update at the next meeting.

Mr. Guy asked how much each of the operating contracts are.

Ms. Roddy stated that it varies based on facility and the tonnage. CIL and CSWMC are operated by contract. SSWMC is operated by DSWA personnel.

Mr. Guy asked if he can get copies of the Request for Proposals, operating contracts, and budgets for each of the facilities. DSWA will send a copy to him following the meeting.

Ms. Roddy stated that DSWA is in the process of building a new recycling center in New Castle county. Once the new center is open the centers at the Glasgow High School, Lantana Square and Phillips Park will be closed. This will ensure that all the recycling centers will be manned by DSWA personnel to eliminate residents illegally dumping trash at recycling centers.

Next Meetings

The 2020 meetings are scheduled as follows:

- Tuesday, April 7, 2020 at 5:00 p.m. at Cherry Island Landfill
- Tuesday, October 6, 2020 at 5:00 p.m. at Cherry Island Landfill

Meeting adjourned at approximately 6:00 p.m.

DSWA Cherry Island Landfill Summary for the Citizens Advisory Board
Prepared by Chad Dolt, DNREC Compliance & Permitting Section
October 8, 2019

1. DSWA has not recorded a complaint in their Odor Complaints Log for Cherry Island Landfill (CIL) since 2014.
2. There have been no citations issued for yard waste disposal since June 2018. For a yard waste citation to be issued to a permitted hauler, more than 10% of the trash load must contain yard waste.
3. As described in the CIL permit, DSWA shall notify DNREC immediately in the event of “Reportable Incidents”. Since the last CAB meeting in April, there have been seven (7) reported incidents, including reports of: a diesel fuel spill, receiving out of state waste, damage to the liner system, an unpackaged asbestos delivery, leachate releases, and a small isolated landfill fire. All seven (7) incidents were properly and immediately reported and each had been followed with a written report submitted to DNREC within the five (5) day window denoted in the permit. Each of these seven (7) “Reportable Incidents” were satisfactorily resolved.
4. Since the last CAB meeting in April, Zack Taylor has been hired to fill the DNREC Environmental Compliance Specialist (ECS) position.
5. According to our latest on-site Compliance Assessment, DSWA incident reports and their follow-through actions, DSWA is operating CIL in accordance with the conditions of their solid waste facility permit.